

Title (en)

METHOD FOR TRANSDERMAL OR INTRADERMAL DELIVERY OF MOLECULES

Title (de)

METHODE ZUR TRANSDERMALEN ODER INTRADERMALEN VERABREICHUNG VON MOLEKÜLEN

Title (fr)

PROCEDE D'ADMINISTRATION TRANSDERMIQUE OU INTRADERMIQUE DE MOLECULES

Publication

EP 1280516 A4 20030611 (EN)

Application

EP 01913025 A 20010226

Priority

- US 0105997 W 20010226
- US 18491800 P 20000225

Abstract (en)

[origin: WO0162228A1] The present invention provides a method for transdermal delivery of molecules. The method comprises the application of electrical pulses concurrently or sequentially with application of the molecules and a lipid composition comprising negatively charged liposomal compositions. The liposomal components are used to enhance permeability of the target site for delivery of the molecule.

IPC 1-7

A61K 9/127

IPC 8 full level

A61K 9/00 (2006.01); **A61K 9/127** (2006.01); **A61K 31/7088** (2006.01); **A61K 38/00** (2006.01); **A61K 39/395** (2006.01); **A61K 45/00** (2006.01); **A61K 47/24** (2006.01); **A61K 47/46** (2006.01); **A61K 48/00** (2006.01); **A61N 1/30** (2006.01); **A61N 1/32** (2006.01)

CPC (source: EP US)

A61K 9/0009 (2013.01 - EP US); **A61K 9/127** (2013.01 - EP US); **A61N 1/0424** (2013.01 - EP US); **A61N 1/044** (2013.01 - EP US); **A61N 1/325** (2013.01 - EP US); **B82Y 5/00** (2013.01 - EP US); **A61N 1/306** (2013.01 - EP US)

Citation (search report)

- [Y] WO 0002620 A1 20000120 - GENETRONICS INC [US], et al
- [Y] US 5064655 A 19911112 - USTER PAUL S [US], et al
- [A] US 5833647 A 19981110 - EDWARDS DAVID A [US]
- See references of WO 0162228A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 0162228 A1 20010830; AU 2001241743 B2 20050303; AU 4174301 A 20010903; CA 2394088 A1 20010830; CN 1406125 A 20030326; EP 1280516 A1 20030205; EP 1280516 A4 20030611; JP 2003523377 A 20030805; US 2002040203 A1 20020404

DOCDB simple family (application)

US 0105997 W 20010226; AU 2001241743 A 20010226; AU 4174301 A 20010226; CA 2394088 A 20010226; CN 01805466 A 20010226; EP 01913025 A 20010226; JP 2001561295 A 20010226; US 79325601 A 20010226